

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 18024  
Application ID: 10065117  
Title of Invention: CRANKSHAFT FOR AN INTERNAL  
COMBUSTION ENGINE DISPOSED  
IN A MOTOR VEHICLE  
First Named Inventor: Kai Mayer  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-09-18  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 201-0463  
Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: XTQMyiM3/oyYecQILiCyaw==  
Total Fees Authorized: \$740.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 61510  
Deposit Account Name: Sheri L. Charles



# TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

201-  
0463

## CRANKSHAFT FOR AN INTERNAL COMBUSTION ENGINE DISPOSED IN A MOTOR VEHICLE

First Named Inventor: Kai Martin Mayer

### SUBMITTED BY

Organization Name:	Ford Motor Company
Name:	Sheri Lynn Charles Electronic Application Specialist
Electronic Signature Mark: /slc	Date Signed: 20020918

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	unsigneddeclaration1 of2.tif
declaration	unsigneddeclaration2 of2.tif

declaration	ids.tif
declaration	consent.tif
declaration	certcopy.tif
bibd-transmittal	201-0463apds.xml
fee-transmittal	201-0463fee.xml
specification	specification.xml

Attached Image File(s):

unsigneddeclaration1of2.tif  
unsigneddeclaration2of2.tif  
ids.tif  
consent.tif  
certcopy.tif

**Comments:**

Please charge to deposit account 06-1510. If insufficient funds, please charge to deposit account 06-1505. IDS and Certified Copy of Application to be mailed under seperate cover.

<b>DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION</b>	<b>Attorney's Docket No.</b> <b>201-0463</b>																							
<p>As a below named inventor, I hereby declare:          My residence, post office address and citizenship are as stated below next to my name;</p> <p>I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled</p> <p><b>CRANKSHAFT FOR AN INTERNAL COMBUSTION ENGINE DISPOSED IN A MOTOR VEHICLE</b></p> <p>the specification of which is attached hereto.</p> <p>I have reviewed and understand the contents of the specification identified above, including the claims.</p> <p>I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns,</p> <p style="margin-left: 40px;"> <input type="checkbox"/> no such applications have been filed, or  <input checked="" type="checkbox"/> such applications have been filed as follows:  <input type="checkbox"/> I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below         </p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;">COUNTRY</th> <th style="width: 20%;">APPLICATION NO.</th> <th style="width: 20%;">DATE OF FILING (month, day, year)</th> <th style="width: 20%;">DATE OF ISSUE (month, day, year)</th> <th style="width: 20%;">PRIORITY CLAIMED UNDER 35 USC 119</th> <th style="width: 5%;"></th> </tr> </thead> <tbody> <tr> <td>EP</td> <td>01122260.1</td> <td>09/18/2001</td> <td></td> <td>YES</td> <td rowspan="2" style="font-size: 0.8em; vertical-align: top; padding: 2px;"> <input type="checkbox"/> Additional provisional application numbers are listed on a supplementary data sheet PTO/SB/02B attached hereto                 </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p style="margin-top: 10px;">I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.</p> <table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 33%; border-bottom: 1px solid black;">(Application Number)</td> <td style="width: 33%; border-bottom: 1px solid black;">(Filing Date)</td> <td style="width: 33%; border-bottom: 1px solid black;">(Status - patented, pending, abandoned)</td> </tr> <tr> <td style="border-bottom: 1px solid black;"> </td> <td style="border-bottom: 1px solid black;"> </td> <td style="border-bottom: 1px solid black;"> </td> </tr> </table> <p style="margin-top: 10px;"><b>POWER OF ATTORNEY:</b> - I/we hereby appoint Practitioners at Customer No. 022844, as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and a foreign Patent Offices.</p>		COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119		EP	01122260.1	09/18/2001		YES	<input type="checkbox"/> Additional provisional application numbers are listed on a supplementary data sheet PTO/SB/02B attached hereto						(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)			
COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119																				
EP	01122260.1	09/18/2001		YES	<input type="checkbox"/> Additional provisional application numbers are listed on a supplementary data sheet PTO/SB/02B attached hereto																			
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)																						

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	DATE
Kai Martin Mayer Rautenstrauchstr. 17 53757 St. Augustin DE	53757 St. Augustin DE	Germany		

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	To be assigned
		Filing Date	Herewith
		Applicants	Mayer
		Group Art Unit	
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	201-0463	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	Kind Code <sup>2</sup> (if known)	NAME	DATE MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or R Figures Appear
		5,028,281		Hayes et al.	07-02-91	
		5,082,507		Curry	01-21-92	

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document			NAME	DATE MM-DD-YY
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		
		EP	0968868 A1		Pickering	01-05-00
		EP	0363159 B1		Anderson et al.	07-15-92
		JP	61-252912 Abstract		Okazaki et al.	11-10-86
		JP	62-253749 Abstract		Okazaki et al.	11-05-87
		JP	04-050509 Abstract		Nakagome et al.	02-19-92
		JP	05-078735		Hanakawa	03-30-93

EXAMINER

DATE CONSIDERED

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not consid  
Include copy of this form with next communication to applicant

<sup>1</sup>Unique citation designation number    <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.    <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3)    <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must preced serial number of the patent document    <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.  
<sup>6</sup>Applicant is to place a check mark here if English language Translation is attached

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

Case Docket No. **201-0463**  
Date:

Sir:

Inventor(s):  
**Kai Mayer**

For: **CRANKSHAFT FOR AN INTERNAL COMBUSTION ENGINE DISPOSED IN A MOTOR VEHICLE**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:



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**Europäisches  
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Die angehefteten Unterla-  
gen stimmen mit der  
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The attached documents  
are exact copies of the  
European patent application  
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Les documents fixés à  
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conformes à la version  
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la demande de brevet  
européen spécifiée à la  
page suivante.

**Patentanmeldung Nr. Patent application No. Demande de brevet n°**

01122260.1

Der Präsident des Europäischen Patentamts;  
Im Auftrag

For the President of the European Patent Off

Le Président de l'Office européen des brevets  
p.o.

**I.L.C. HATTEN-HECKMAN**

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 740**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: Ford Global Technologies, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Sheri L. Charles

Electronic Signature Mark: /slc

Date Signed: 20020918

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 11	103	\$ 18	0	\$ 0
Independent Claims: 2	102	\$ 84	0	\$ 0

20065117 00000000

Subtotal For Extra Claims Fees: \$ 0